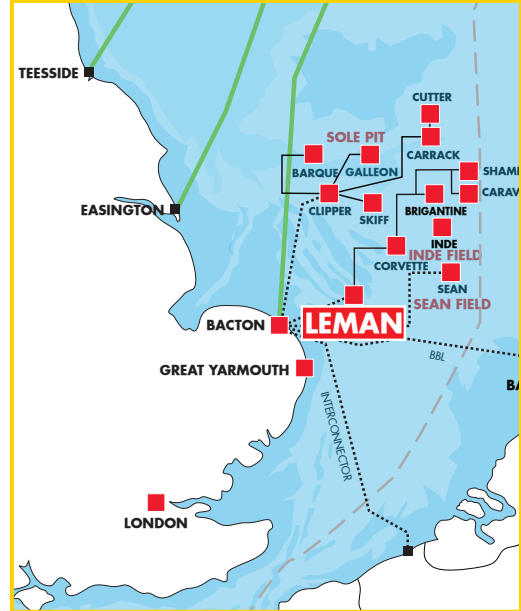




# LEMAN ALPHA COMPLEX



**LEMAN A**



## LEMAN ALPHA COMPLEX

The Leman Alpha installation is in the Southern part of the UK sector of the North Sea, 69km (43 miles) North east of Lowestoft, 50km (31 miles) from Bacton and 48km (29 miles) from the nearest point off the Norfolk Coast. The installation is a Normally Attended Installation (NAI).

- Leman Alpha
- Leman Bravo
- Leman Charlie
- Leman Delta
- Leman Echo
- Leman Foxtrot
- Leman Golf

The Leman Alpha installation produces and processes natural gas from its own wells. It imports and processes gas from the remainder of the Leman field platforms, Bravo, Charlie, Delta, Echo, Foxtrot and Golf. It also imports natural gas and liquids from Corvett, Brigantine (BG and BR), Caravel and Shamrock.

### KEY FACTS

Block	49/26
Sector	Southern North Sea
Approx distance to land	69km (43 miles) North East of Lowestoft
Water Depth	121ft (37m)
Hydrocarbons Produced	Gas
Export Method	Piped to Bacton Gas Terminal
Operated / Non-Operated	Operated

## INFRASTRUCTURE INFORMATION

Entry Specification:	GSV 37-44.5MJ/sm <sup>3</sup> , Oxygen <0.2%, CO2 Max 2 mol%, H2S <3.3ppm, Total Sulphur <15ppm, WI 48-51.5 MJ/Sm <sup>3</sup> , Inerts <7%, N2 <5%
Outline details of Primary separation processing facilities:	Three Stage Compression Station with Fiscal Metering. Export Pipeline to Shell Bacton Gas Plant
Outline details of gas treatment facilities	Gas Compression

## HIGH LEVEL CAPACITY INFORMATION

The basic capacity information is portrayed by colour coded 'traffic lights' that reflect thresholds of availability over the next 5 years

Available Capacities



Description	Capacity	Ullage as % of system capacity					Comments
		2018	2019	2020	2021	2022	
		■	■	■	■	■	Liquid handling constrains to be considered Technical modifications are required to cater for additional volumes

### LEMAN WEST & No1 Sealine

Gas compression+export capacity  
(LP 250 MMscf/d; HP 280 MMscf/d)

## CONTACT INFORMATION

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